

AMENDMENTS TO THE CLAIMS

1. (Canceled)

DO NOT ENTER: /L.C./

2. (Currently amended) An optical data recording method, comprising the steps of:
interrupting an operation of recording data in an optical data recording medium when a
predetermined amount of data to cover a specified length along the radial direction of the optical disk is
continuously recorded in the optical data recording medium by using a laser beam emitted from a laser;
measuring a recording state of the optical data recording medium immediately before the
interruption;
correcting a recording power of the laser beam for a next recording operation in the optical data
recording medium based on the measured recording state; and
starting the next recording operation by using the laser beam with the determined recording
power in the optical data recording medium at a position immediately after the interruption,
wherein in the step of interrupting, the predetermined amount of data is determined so that a
time period required for completing recording of the predetermined amount of data is shorter than a
time period over which a recording quality degrades due to a rise of a temperature of the laser,
in the step of measuring, the recording state being measured in a seek operation performed when
starting the next recording operation after the interrupted recording operation.

3. (Currently amended) An optical data recording method, comprising the steps of:
interrupting an operation of recording data in an optical data recording medium when a
predetermined amount of data to cover a specified length along the radial direction of the optical disk is
continuously recorded in the optical data recording medium by using a laser beam emitted from a laser;
measuring a recording state of the optical data recording medium immediately before the
interruption;
correcting a recording power of the laser beam for a next recording operation in the optical data
recording medium based on the measured recording state; and